Recommendations and thoughts on the landscaping at Aurora and past and future design concerns.

Becommendations and thoughts on the landscaping at Aurora and past and future design concerns. Aurora is lucky to have such an extensive and interesting landscape, which has served the building well over the years for presentation and amenity. The original design won an award by AILA (Australian Institute of Landscape Architects). There have been some design changes over the years however some areas now require some reappresial in the light of plant performance. Appends of the original design that are worth relations: The geometry of the ground layers with strong rectangular lines with well defined concrete edges and contrasting treatments within the spaces. These aspects translate well when viewed from apartment windows. The geometry of the ground layers with strong rectangular lines with well defined concrete edges and contrasting treatments within the spaces. These aspects translate well when viewed from apartment windows. The geometry of the ground layers with strong rectangular lines with well defined concrete edges and contrasting treatments within the spaces. These aspects translate well when viewed from apartment windows. The geometry of the ground layers with strong rectangular lines with well defined concrete edges and contrasting treatments within the spaces. These aspects translate well when viewed from apartment windows. The space is a the integrity of colorus and folging withins in the ground covers. The combination of vertical levels with paw been planted in rows, which emphasises the geometry of the overall design. Appends of the design than are definition; and channels: The adoption of the space and the space of the individual design of the original design than and origin with restanges with request mark and the metation of the sis was a pleasant walk to or from the restaurant. The gate to the restaurant has been kept locked for years. Prove is a pub between two rows of fig trees near the property boundary with #50. The original intention of this was a pleasant walk to or from the

Detailed analysis of issues and suggested changes: TREES:

<u>Detailed analysis of issues and suggested changes:</u> TRFES: The printing objectives for all trees are dense canopies with a neat formal rounded to oval shape. There should be uniformity of shape and size within each row of trees. The insides of canopies should be prunted of deadwood where this is visible. Canopies should be printed for the quarks and suggested changes: The printing objectives for all trees are dense canopies with a neat formal rounded to oval shape. There should be uniformity of shape and size within each row of trees. The insides of canopies should be prunted of deadwood where this is visible. Canopies should be printed so they do not overhang adjacent garden beds and to promote more vigorous growth. <u>Hill's figs</u> – *Ficus microcarpa var. hilli* The typical mature height of these trees is 15 metres (www.metrotrees.com.au) and they are well on the way to this at present. All the figs need prunting for deadwood and to contain the canopies to a similar height to the previous prune (old prunting cuts are evident) or 1 to 1.5m higher. Canopies should be merged in the middle and with those in #580. Crown fit to 1.5m but where canopies overhang pedestrian areas (footpath and internal paths) canopy height sholle be 2m. The black plastic that covers the base of trunks or is visible elsewhere should be can way as it is ugly. The canopies overhang the Alto property and on that side they also overhang the footpath and the nature strip. The adjacent part of the Alto building does not yet seem actively occupied but if that situation changed they may not want the area dominated by Auron trees. Vegetation on adjoining properties (including Council Iad) in creases public liability risk. Rogotations with Alto Owners Corporation would be required. Achieving the formal neat look that would match the architecture of Aurora would mean significant pruning of these trees as the pruning has been left for some time. Figs are very vigorous trees and would quickly grow back from severe pruning. <u>Red else Pho</u>

Strawberry trees – Arbutus spp. probably canariensis The typical mature height of these trees is 6 – 9 m (Metro Trees). These should be crown lifted of foliage to 1.2 – 1.5m to show off their fabulous trunks as well as to keep the design. Crowns need to be pruned to be level with garden bed edges for a neater appearance and leveled off at the top and from now on and ongoing maintenance to that height.

The typical matter height of mese trees is 0 – 9 in (Weter) rises, These should be crown inteed on tonging on Link and on the trees is the trees is the tree is the entry of a different variety and doesn't have the red stems and conging maintenance to that height. Caral barked Jaganese Maple trees – Acer palmatum 'Sango Kaku' The maple nearest the path to the rear of the property is a different variety and doesn't have the red stems and coral leaf tones of the other trees. It was a replacement following vandalism. Although a bit irritating, the tree is healthy and worth retaining. The tree in the centre of the row nearer the street is not as healthy as the other trees. It should be monitored. Replacement is problematic as it would looks much smaller for many years. This type of tree is not particularly tolerant of hor summer winds, this is why there is a fair bit of deadwood. The trees ook do overall so if she bit to just cape participation access. This variety of tree has a natural vase shape and this should be respected. The mature height and spread are for an of 5 m. Some of the tallest trees could be given a minor height reduction prute to reduce the height differences between them and the medium sized trees. Lilly <u>Plilics</u> – Szygium austrue? These trees can grow to a height and spread 10m and 4m. They are healthy and providing a screen from Alto. Their canopies are colliding with the two Japanese Maples near the fence, with the gym garden trees (almost, just a matter height with their Owners Croporation. Their height should be key to about their current height and hey need some deadwood pruning. Evergreen Magnolias – Mitchelia doltzopa Evergreen Magnolias – Mitchelia doltzopa A suggested small tree species to plant there as a row of 3 plants is Bridiad Star *Ricinocarpus tube comples* are opening up a bit. They should be lightly pruned all over to create a tighter form plus the removal of deadwood. A suggested small tree species to plant there as a row of 3 plants is Bridiad Star *Ricinocarpus*

The decision to replace plants needs to be considered in the light of budget availability. Tree work is the most overdue and should be done by qualified and competent Arborsts with good knowledge of Uccupational reaum ex safety and with suitable climbing equipment. Other, non-tree work could be done over time. Any work that involves public risk should be performed as soon as possible. Sometimes the location needs to be considered as well, for example an unsafe path in a seldom-used location is less urgent than a less critical fault in a high use area. Any work that involves public risk should be performed as soon as possible. Sometimes the location needs to be considered as well, for example an unsafe path in a seldom-used location is less urgent than a less critical fault in a high use area. Another issue worth considering is to use spreading plants in the groundcover beds rather than individual tussocks with rock with rock worth considering is to use spreading plants in the groundcover beds rather than individual tussocks with rock worth or other plants that performed well without too much interference. A greater variety of plants in the design would provide some seasonal variation of flowering times. The concept of dividing garden beds of liriope with a variegated variety between the standard variety could be rethought. It is difficult to get plants to perform the same with differing levels of photosynthetic pigment in them. It might work better to have continuous beds of one variety. There would be greater variety in the design if we added some broader leafed plants.

GROUNDCOVERS

GROUDNCOVERS: The Litydate toppings mulch should be removed and replaced with a more plant friendly material such as woodchip mulch or similar. <u>New Zealand flag</u> – *Phormium tenax* 'Bronze Wario' http://www.benaranurseries.com/productinfo.asp?ID=19389 1.5 X 1.5 m, *Phormium tenax* 'Bronze Baby' http://www.dinsan.com.au/plants-products/plant-datab phormium/bronze-baby' aspx 0.75 X 0.75 m and *Phormium tenax* 'Yellow Wave' http://www.dapplelandscapedesign.com.au/grasses-strappy-leafed-plants/medium-grasses-strappy-leafed/Phormium-tenax Wave' Yellow-Wave.htm 0.8 X 0.8m These adult are strubu and activitiening nearcoachik usall. Mointenances incruise includes removal of data the laware mode to be done comulative some of the and took' data and could be pruned head': come alpite how become

wave- Yellow-Wave.htm 0.8 X 0.8m These plants are trough and performing reasonably well. Maintenance issues include: removal of dead leaves needs to be done regularly; some of the ends look dead and could be pruned back; some plants have become quite large and others have died leaving big clumps and gaps. Larger clumps can be divided and the offshoots replanted into the gaps. The Yellow Wave leaves look shredded where they nub against the asphalt footpath. The varieties chosen have attractive variegations have were these involves eignificant maintenance. Larger leaves tend to ugrow the varietigation she the (more varied) and the offshoots replanted in the Bronze Warrior is mostly a fairly during uprevided upper leaves tend to ugrow the varietigation she the (more varietigated leaves, which is quite labour intensive. Sumewere the relative plants tractive plants stripes. The only way to prevent this is to regularly prune out all the non-varietgated leaves, which is quite labour intensive. gested repla ment plant

Suggessou replace-time brans -For the garden beds adjacent to the glass fence separating the garden from the restaurant open area:-Smooth Flax Lity - Dianella langifolia lattry?/iplantsandlandscapes.com.au/prov_siteDianella_langifolia This clumping plant has long slightly silvery green folgae up to Osm and Hower stems to Im. Pale blue flowers in spring to summer followed by dark blue to purple berries. This plant is local so can be obtained as cheaper tubestock. As a replacement to the variegated Phormiums: Red Tasmanian Flax LiJ - *Dianella tasmanica* 'Tas Red' http://www.australianplants.com/plants.aspx?id=1712 This plant cuitiva has attractive red tones at the bases of its wide leaves. It grows to 0.5m and has but flowers in spring followed by purple berries. It has a Phormium-like habit. As a replacement for a coloured Phormium bed or the central pale Liriope bed and to create a different effect than the exclusive use of strap leafed plants: Sedum 'Attumm Joy' - *Hylotelphium speciality* - *Attumm Joy'* therp://www.australianplants.com.au/shop/flowers/drought-toleran-agedne/sdma-austral/ande/sdma-agedne/sdma-aged

Turl Lily – Liriope muscari These plants are growing well along the path to the rear of the property where there is shade. The ones in the front sections are looking snail bitten and tatty. The variegated variety of these plants is considerably less vigorous due to their reduced photosynthetic pigment. This compromises the design, which never factored in differential plant growth. Where these are under trees they are too tail and reduce the view of the attractive trunks. The liriope beds growing in full sun look even worse. The practice of pruning them is a studard horizouthural technique but it leads to dense lower areas with much thatch. It is also quite labour intensive. The other way of reducing its vigour is to regularly divide the clumps with a spade. This is harder and more time consuming physical work but the effect would last longer. One of the rare beds of pale liriops needs additional soil. Replacement plants for consideration:-Aussie Blue Grass⁻ Inture, Januar ⁴ Aussie Blue Grass⁻ http://www.gardeningwithangus.com.au/Iomandra-glauca-aussie-blue-grass-Iomandra/ This update to 0.4 X 0.45m. Star Jasmine – Tunchelowermun is instimized.

This source in as uprignit routage, which is greysin tone, the older feaves are greener creating a contrast effect. It has been termed "Native Liriope". It grows in sun or part shade to 0.4 X 0.45m.
Star Jasmine – Trachelospremuing josimioides
Ibits Jasmine – Trachelospremuing josimioides
http://www.abc.net.au/gardening/stories/1866512.htm This plant is vigorous and has fragrant white flowers in Spring and Summer and dark glossy foliage. It grows well in sun and shade and can be pruned to a neat shape as a groundcover. It must be pruned from the tree trunks is of ideasti (-limbu p.
Blue Flax Lily 'Little Jess' – *Dianella caerulea* 'Little Jess' - http://www.bluedale.com.au/our-selection/strapy-lest-plants/little-jess-dianella-caerulea-demp01
This cultivar is a compact clumping plant 0.4 X 0.45m with shiny green arching foliage. It grows in full sun to 90% shade and blue flowers held above the foliage followed by purple berries.
Kanagroup Paus – An/giozantius cultivars
These plants are a bit disappointing but they may be worth giving a go without the Lilydale toppings and using the best two varieties and a native specific (low phosphorous) fertiliser. The link below gives good information on their care and maintenance. The kinds of the set o

Restaurnal puble as east installed at the end of the path if the restaurant no longer requires access to or from this path. Otherwise the area is a wasted dead space. This is a quiet corner of the landscape where someone could sit for a while to enjoy the ambience. A bench similar to those near the entrance to the building from the rear path would be suitable. If people had concerns regarding homeless persons using it an arm-rest could be added to the middle of it. The restaurant owner should be consulted first. One of the concrete step payers needs relaying to prevent tripping. The grey and white stones should be separated. Grass areas These are competently maintained at the moment. The only issue is the area near the figs on the #580 side. The reason for this is that the fig trees are vigorous and compete with the grass. Pruning the trees may help a bit however it must be accepted that the figs have a greater landscape impact.

These are making a valuable contribution to the landscape especially by providing many lovely red flowers in winter against the dark foliage. They are being well pruned. The front row looks spindly compared with the other row however this is because from the path the viewer only sees the shaded side. There is no horticultural remedy for this. The camellias are worth keeping.

Side path The litropes along the path are healthy but their vigorous growth and proximity to lights and the path make them a particularly high maintenance landscape.

Suggested replacement species - Clivea - Clivea miniata These grow to 0.6 X 0.6m and tolerate heavy shade and actually flower well in it. It is available in orange, peach pink and yellow - cream colours and are generally trouble free. They also grow in the gym garden

http://www.igarden.com.au/plant-type.jsp?t=clvia The amount of space for plants is different on each side of the path as this accommodates the root space required for the lilly pillies, however it means that there is a lot of pruning required on the building side. Symmetry is worthwhile so there are no real solutions. Not many plants take that much shade. Clivea would still need to be pruned regularly to fit the space. OTHER PLANTS OF INTERNST Black anther flax-lily - *Diamella revoluta* The local version of this plant has dark green foliage that is a bit silvery 0.5 X 0.5m with pale blue flowers on branched stems above the leaves to 0.7m followed by small shiny blue berries. They grow well under trees or in the open. They are easy to grow and long lived. They spread which means gaps are filled. https://www.mbg.gov.au/pnifterms-2007/dinnella-revoluta.html Cosat flax lily - *Duamella previouta* b.thtp://www.bushlandffora.com.au/plants_Shative/wholesale_unserty_mDianella-Brevioutalis-FlaxLily/Dipmlell-hore/statlis-flax-lily.php This local plant is similar to *D. revoluta* but the pale blue flowers are within the foliage. It takes full sun to part shade and doesn't require pruning. It forms a rounded tussock and doesn't spread. Mallee blue flower - *Holganic square* This small shrub grows to 0.4 X 0.4m and is dense and bushy and in summer bears deep blue star shaped flowers. It needs a sunny position. http://anpsa.org.au/h-cya.html Thyme leafed headeneat thymfold/wale' arthe.iscau/isca

This is a small shrub of 0.5 X 0.5 m with many pale pink flowers in spring and summer. It does best in full sun. http://mpa.org.org.um/sthym.html Cottonheads - *Connstylia candicans* These plants are graves like (related to kangaroo paws) 0.3 X 0.3 m with greyish foliage and clumps of yellow flowers throughout spring. They need full sun to light shade. http://www.ang.gov.au/grp/interns-2007/dianella-revolutn.html Lonandra' asseqte' - *Lonaundra confertificitus asp. Rubiginosa* http://www.henaramurseries.com/producting.asp. Rubiginosa http://www.henaramurseries.com/producting.asp. Rubiginosa http://www.henaramurseries.com/producting.asp. Rubiginosa http://greensteadnusery.com.au/greensteadnusery.com.au/gardening/plant-finder/plant-descriptions/lonaundra-long/folia/cassica?/plant-id=288 This cultivar has broad pale blue-green foliage and masses of perfumed flowers in spring. It grows in full sun to shade to 1 x 1m. Creeping Boobial.a - *Myoporum parifoliam* http://greensteadnusery.com.au/species/ground-covers/inyoporum-parifolium.html A useful, vigroous and attractive local groundcover with pale green fine but densely borne foliage that grows in all light conditions. It is easily pruned to create a low hedge. It grows to 0.1 X 1.5m. It has attractive white flowers in spring and summer.